| Ref<br>#  | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|---|---|---------------------|---------|------------------|
| S1        | 59   | "711"/\$.ccls. and (non-volatile adj1 memory) and (object near2 data) and (power with (on or off))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/06 12:33 |
| S2        | 2    | ("5964813").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/01 13:36 |
| S3        | 3    | (SRAM same NRAM same EEPROM)<br>and (stor\$3 with (program\$1 or<br>instruction\$1 or code\$1)) and<br>(numerator or denominator) and<br>flag                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/06 12:35 |
| S4        | 3    | ("20020123833"   "5745864"  <br>"5964813").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/12/06 12:46 |
| S5        | 48   | (non-volatile same EEPROM same<br>ROM same RAM) and (power near2<br>(on or off)) and (writ\$3 with<br>process)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/12/06 13:07 |
| S6        | 155  | (non-volatile same EEPROM same<br>ROM same RAM) and (backup with<br>RAM)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/12/06 13:54 |
| S7        | 950  | (701/35).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 14:12 |
| <b>S8</b> | 12   | ("5243561"   "5276839"  <br>"5278759"   "5550710"   "5551068"<br>  "5630139"   "5692138"  <br>"5712969"   "5726638"   "6128560"<br>  "6181992"   "6202123").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR .                | ON      | 2005/12/06 14:53 |
| S9        | 2176 | 711/103   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/12/07 06:52 |
| S10       | 4942 | non-volatile and increment and flag   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/12/06 14:54 |
| S11       | 72   | S9 and S10  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/12/06 14:54 |
| S12       | 72   | "711"/\$.ccls. and EEPROM and (backup with RAM)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/12/07 07:47 |

|     |      | ·  |   |    | ,  |                  |
|-----|------|--|---|----|----|------------------|
| S13 | 16   | "711"/\$.ccls. and non-volatile and EEPROM and ((control\$4 with engine) same vehicle)               | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 08:12 |
| S14 | 88   | (non-volatile same EEPROM) and ((RAM with "battery backup") same ROM)                                | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 08:15 |
| S20 | 19   | to-tuan.xa.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 08:18 |
| S21 | 317  | to-tuan-c.xa.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 08:18 |
| S26 | 5622 | 365/189.01   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 10:24 |
| S27 | 0    | S26 and (EEPROM same ROM same RAM) and backup and updated and (writ\$4 with (data or "object data")) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 10:22 |
| S28 | 13   | S26 and (EEPROM same ROM same RAM) and backup and (writ\$4 with (data or "object data"))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 10:22 |
| S29 | 1505 | 365/185.01   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 10:24 |
| S30 | 935  | S29 and EEPROM   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 10:24 |
| S31 | 23   | S30 and (execut\$3 with write) and non-volatile and (RAM same ROM)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 10:37 |
| S32 | 2194 | 365/189.04   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 10:37 |

| S33 | 228    | ("365"/\$.ccls. or "711"/\$.ccls.) and (((non-volatile near2 memory) or EEPROM or ROM) same RAM) and backup and (execut\$3 near2 (program\$1 or instruction\$1)) and ((writ\$3 with data) same (EEPROM or ROM or RAM)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 11:45 |
|-----|--------|--|---|----|----|------------------|
| S34 | 1970   | 365/185.29   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 11:44 |
| S35 | 163812 | diagnos\$3 and O   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 11:46 |
| S36 | 1      | diagnos\$3 and (OBD-II or<br>(on?board with diagnos\$4)) and<br>(EEPROM same (writ\$3 or read\$3))<br>and ((SRAM or NRAM) with ROM)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 11:48 |
| S37 | 1      | ((sens\$3 or detect\$3) with (engine<br>or "fuel injectors" or igniter)) and<br>(OBD-II or (on?board with<br>diagnos\$4)) and (EEPROM same<br>(writ\$3 or read\$3)) and ((SRAM or<br>NRAM) with ROM)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 11:50 |
| S38 | 35     | ((sens\$3 or detect\$3) with (engine<br>or "fuel injectors" or igniter)) and<br>(EEPROM same (writ\$3 or read\$3))<br>and ((SRAM or NRAM) with ROM)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/07 11:50 |
| S39 | 10     | ("5283905"   "5384747"  <br>"5581464"   "5604709"   "5610800"<br>  "5680570"   "5696917"  <br>"5798961"   "6246933"  <br>"6375343").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 13:32 |
| S40 | 2147   | 711/162  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 13:32 |
| S41 | 0      | S40 and (NRAM with SRAM)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 13:32 |
| S42 | 77     | S40 and (RAM with SRAM)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 13:33 |
| S43 | 47     | S42 and EEPROM   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2005/12/07 13:33 |

| S44 | 2    | ("20040093137").PN.   | US-PGPUB;<br>USPAT;                                     | OR | OFF | 2005/12/11 10:21 |
|-----|------|---|---|----|-----|------------------|
|     |      |   | EPO; JPO;<br>DERWENT;<br>IBM_TDB                        |    | :   |                  |
| S45 | 0    | "20040093137" and<br>"implementation means"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/11 10:22 |
| S46 | 0    | S44 and "implementation means"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/11 10:22 |
| S47 | 1    | S44 and "preliminary write"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/11 10:22 |
| S48 | 1386 | ("701"/\$.ccls. or "365"/\$.ccls. or "711"/\$.ccls. or "712"/\$.ccls.) and (stor\$3 near2 (data or "object data")) and (memory with EEPROM) and increment | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 07:44 |
| S49 | 616  | S48 and (ROM same (RAM or SRAM))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 07:45 |
| S50 | 435  | S49 and counter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 07:45 |